



## Scope of the certificate

### Scope:

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions                         | Remarks              |
|--|--|------------------------------------|----------------------|
| 141                                      | 1.1, 1.1/8, 8                                | t = 0.7 - 8 mm<br>D ≥ 6 mm         | -                    |
|  | 8/1.1, 8                                     | t = 0.7 - 1.3 mm<br>D ≥ 6 mm       | nozzle/bellow        |
|  | 8/1.2  | t = 1.8 - 4.5 mm<br>D ≥ 44 mm      | BW; 141-v            |
|  | 8/43   | t = 0.9 - 2 mm<br>D = 12 - 24 mm   | nozzle/bellow        |
|  | 8/43   | t = 0.9 - 2 mm<br>D = 12 - 24 mm   | nozzle/bellow, 141-v |
|  | 8  | t = 1.5 - 3.2 mm<br>D ≤ 100 mm     | nozzle/bellow, 141-v |
|  | 8  | t = 1.5 - 3.2 mm<br>D ≥ 6 mm       | nozzle/bellow, 141-v |
| 142                                      | 8  | t = 1.4 - 2.6 mm<br>D = 6 - 100 mm | BW                   |

### Area of Application:

- New build of railway vehicles and their components
- full metal hoses

### Responsible welding coordinator(s):

Gernot Busch, Level A (EWE) [external]

born: 14.10.1965

### 1st deputy(ies) of the responsible welding coordinator(s):

Nils Leibacher, Level C (IWS)

born: 13.11.1968

### Others deputies:

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### Remarks:

The welding coordinator Gernot Busch is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.

### Register no.:

TÜV SÜD/15085/CL1/269/09/4

### General provisions:

The current version of the TÜV SÜD Group's testing and certification regulations apply.

